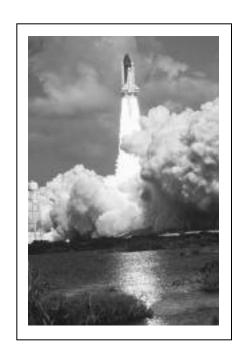
#### Goddard Space Flight Center

#### Center Director's Colloquia Series



Leading in Chaos -The Oklahoma City Bombing

Ken Eickmann
Director
Construction Industry Institute

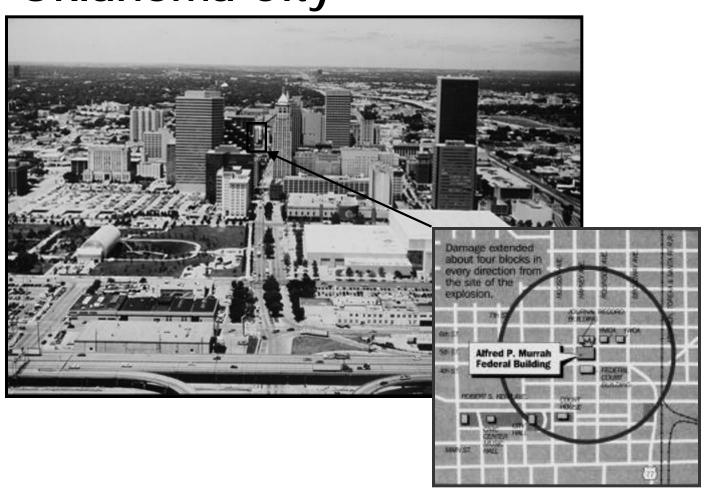




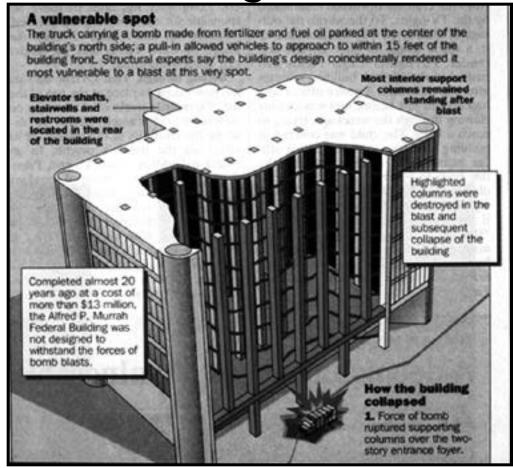
#### Murrah Building, Oklahoma City 19 April 1995



# Oklahoma City



### Murrah Building Structure



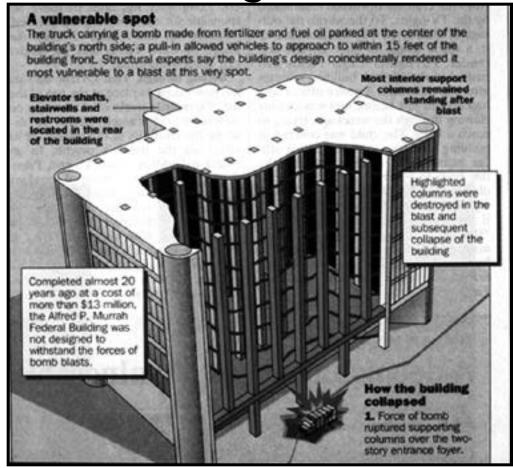
### Failure of Main Support Beam



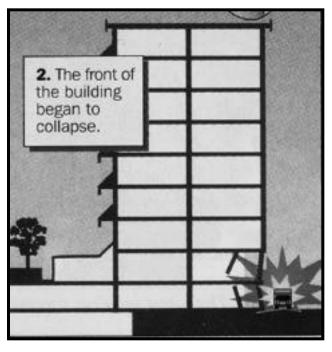
### View from Top of Building

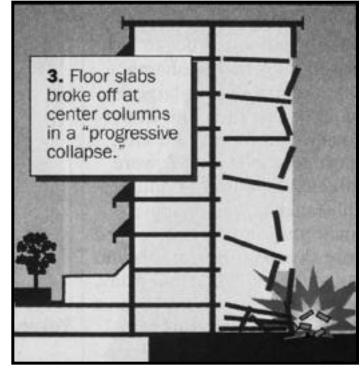


### Murrah Building Structure



### **Building Collapse**





### Moments after Explosion



### Moments after Explosion



#### **Aftermath**



#### **Aerial View**



# Damage Assessment



# **Old Glory**



#### The "Pit"



#### Crater



## Remaining Structure



#### The Work Ahead



## **Emergency Supplies**



### Lunch on the Way



## **Coordinating All Efforts**



#### **Rescue Worker Coordination**



#### **Immediate Medical Care**



#### **Press Conference**



#### **Rescue Workers**



#### Welcome Rest



### A Friendly Shoulder



## Playground



### From Across the Parking Lot



#### Search for Evidence



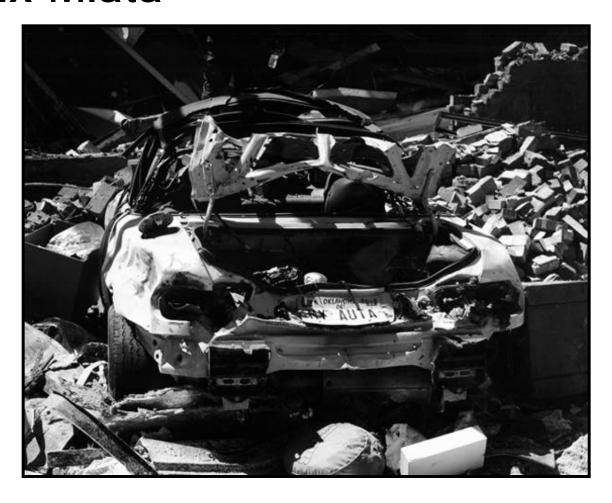
# Dangerous Work



### Other Damage



#### Ex-Miata



### Pile of Cars



#### **Across the Street**



#### **Across the Street**



#### Damage to Other Buildings



# Makeshift Morgue



## Collapse of Brick Structure



## **Visitors**



## **Visitors**



# In Custody



## Oklahoma City Bombing



#### **Lessons Learned**



- Building Access
- Building Design
- Heightened Awareness
- More Rapid Response
  - Pre-packaged supplies
  - Pre-positioned storage
- Coordinated Response

#### Volunteers



### Closure



#### Remembrance



# "We will never forget"



# September 11, 2001



#### **Ground Zero**



#### **America United**



#### Goddard Space Flight Center

#### Center Director's Colloquia Series



"Leading in Chaos"

#### **Questions?**

Ken Eickmann Lt. Gen. USAF (Ret.)



